Barry J Campbell

List of Publications by Year
in descending order

72	7,001	117619	144002
papers	citations	34 h-index	57 g-index

78	78	78	10416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intestinal Inflammation Targets Cancer-Inducing Activity of the Microbiota. Science, 2012, 338, 120-123.	12.6	1,785
2	NOD2 stimulation induces autophagy in dendritic cells influencing bacterial handling and antigen presentation. Nature Medicine, 2010, 16, 90-97.	30.7	926
3	Enhanced Escherichia coli adherence and invasion in Crohnâ€™s disease and colon cancer. 1 1The authors thank Professor T. K. Korhonen (Division of General Microbiology, University of Helsinki, Finland), who kindly donated Escherichia coli IH11165; Professor J.-F. Colombel (Laboratoire de Recherche sur) Tj ETQq1 1 0.784314 rgBT /Ove A. Darfeuille-Michaud (Faculte de Pharmacie, Clermont-Ferrand, France), who kindly donated the Crohnâ€™s dis. Gastroenterology, 2004, 127, 80-93.	1.3	664
4	Review article: dietary fibre-microbiota interactions. Alimentary Pharmacology and Therapeutics, 2015, 42, 158-179.	3.7	430
5	Inflammation and colorectal cancer: IBD-associated and sporadic cancer compared. Trends in Molecular Medicine, 2002, 8, 10-16.	6.7	281
6	Translocation of Crohn's disease Escherichia coli across M-cells: contrasting effects of soluble plant fibres and emulsifiers. Gut, 2010, 59, 1331-1339.	12.1	232
7	Crohn diseaseâ€“associated adherent-invasive E. coli bacteria target mouse and human Peyerâ€™s patches via long polar fimbriae. Journal of Clinical Investigation, 2011, 121, 966-975.	8.2	227
8	Colonic mucosa-associated diffusely adherentafaC+ Escherichia coliexpressinglpfAandpksare increased in inflammatory bowel disease and colon cancer. Gut, 2014, 63, 761-770.	12.1	203
9	Mucosal Barrier, Bacteria and Inflammatory Bowel Disease: Possibilities for Therapy. Digestive Diseases, 2014, 32, 475-483.	1.9	150
10	A mouse model of pathological small intestinal epithelial cell apoptosis and shedding induced by systemic administration of lipopolysaccharide. DMM Disease Models and Mechanisms, 2013, 6, 1388-99.	2.4	137
11	Inflammation-associated Adherent-invasive Escherichia coli Are Enriched in Pathways for Use of Propanediol and Iron and M-cell Translocation. Inflammatory Bowel Diseases, 2014, 20, 1919-1932.	1.9	135
12	Altered glycosylation in inflammatory bowel disease: a possible role in cancer development. Glycoconjugate Journal, 2001, 18, 851-858.	2.7	109
13	Confocal laser endomicroscopy is a new imaging modality for recognition of intramucosal bacteria in inflammatory bowel disease in vivo. Gut, 2011, 60, 26-33.	12.1	99
14	Replication of Colonic Crohn's Disease Mucosal Escherichia coli Isolates within Macrophages and Their Susceptibility to Antibiotics. Antimicrobial Agents and Chemotherapy, 2008, 52, 427-434.	3.2	92
15	The Role of Bacteria in the Pathogenesis of Inflammatory Bowel Disease. Gut and Liver, 2010, 4, 295-306.	2.9	86
16	Transcriptomic Analysis of the Sulfate Starvation Response ofPseudomonas aeruginosa. Journal of Bacteriology, 2007, 189, 6743-6750.	2.2	84
17	Genetic Characterization Indicates that a Specific Subpopulation of Pseudomonas aeruginosa Is Associated with Keratitis Infections. Journal of Clinical Microbiology, 2011, 49, 993-1003.	3.9	81
18	Characterization of epithelial IL-8 response to inflammatory bowel disease mucosal E. coli and its inhibition by mesalamine. Inflammatory Bowel Diseases, 2008, 14, 162-175.	1.9	77

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19	Microbial Mannan Inhibits Bacterial Killing by Macrophages: A Possible Pathogenic Mechanism for Crohnâ€™s Disease. Gastroenterology, 2007, 133, 1487-1498.	1.3	75
20	Developing a 3D intestinal epithelium model for livestock species. Cell and Tissue Research, 2019, 375, 409-424.	2.9	75
21	Oral iron exacerbates colitis and influences the intestinal microbiome. PLoS ONE, 2018, 13, e0202460.	2.5	71
22	RNA interference: a chemist's perspective. Chemical Society Reviews, 2010, 39, 4169.	38.1	66
23	Stimulation of Colonic Mucin Synthesis by Corticosteroids and Nicotine. Clinical Science, 1996, 91, 359-364.	4.3	59
24	Peanut lectin stimulates proliferation of colon cancer cells by interaction with glycosylated CD44v6 isoforms and consequential activation of c-Met and MAPK: functional implications for disease-associated glycosylation changes. Glycobiology, 2006, 16, 594-601.	2.5	51
25	Analysis of Clinical Isolates of Helicobacter pylori in Pakistan Reveals High Degrees of Pathogenicity and High Frequencies of Antibiotic Resistance. Helicobacter, 2014, 19, 387-399.	3.5	51
26	DNA extraction and amplicon production strategies deeply infâ€Šluence the outcome of gut mycobiome studies. Scientific Reports, 2019, 9, 9328.	3.3	51
27	Complete Genome Sequence of the Crohn's Disease-Associated Adherent-Invasive Escherichia coliStrain HM605. Journal of Bacteriology, 2011, 193, 4540-4540.	2.2	50
28	Soluble plantain fibre blocks adhesion and M-cell translocation of intestinal pathogens. Journal of Nutritional Biochemistry, 2013, 24, 97-103.	4.2	46
29	Importance of the alternative NF-ÎºB activation pathway in inflammation-associated gastrointestinal carcinogenesis. American Journal of Physiology - Renal Physiology, 2016, 310, G1081-G1090.	3.4	46
30	Bacteria in the pathogenesis of inflammatory bowel disease. Biochemical Society Transactions, 2011, 39, 1067-1072.	3.4	44
31	Increasing the intra-Golgi pH of cultured LS174T goblet-differentiated cells mimics the decreased mucin sulfation and increased Thomsen-Friedenreich antigen (GalÂ1-3GalNacÂ-) expression seen in colon cancer. Glycobiology, 2001, 11, 385-393.	2.5	41
32	Host-bacteria interaction in inflammatory bowel disease. British Medical Bulletin, 2008, 88, 95-113.	6.9	38
33	Review article: impact of cigarette smoking on intestinal inflammationâ€”direct and indirect mechanisms. Alimentary Pharmacology and Therapeutics, 2020, 51, 1268-1285.	3.7	37
34	A subset of mucosa-associated Escherichia coli isolates from patients with colon cancer, but not Crohn's disease, share pathogenicity islands with urinary pathogenic E. coli. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		36
35	Lectinâ€“epithelial interactions in the human colon. Biochemical Society Transactions, 2008, 36, 1482-1486.	3.4	36
36	Macrophage-Specific NF-ÎºB Activation Dynamics Can Segregate Inflammatory Bowel Disease Patients. Frontiers in Immunology, 2019, 10, 2168.	4.8	31

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37	An N-terminal Truncated Form of Orp150 Is a Cytoplasmic Ligand for the Anti-proliferative Mushroom Agaricus bisporusLectin and Is Required for Nuclear Localization Sequence-dependent Nuclear Protein Import. Journal of Biological Chemistry, 2002, 277, 24538-24545.	3.4	29
38	Interaction between bacterial peptides, neutrophils and goblet cells: a possible mechanism for neutrophil recruitment and goblet cell depletion in colitis. Clinical Science, 2001, 101, 395-402.	4.3	27
39	An Open-Format Enteroid Culture System for Interrogation of Interactions Between Toxoplasma gondii and the Intestinal Epithelium. Frontiers in Cellular and Infection Microbiology, 2019, 9, 300.	3.9	27
40	Escherichia coli-host macrophage interactions in the pathogenesis of inflammatory bowel disease. World Journal of Gastroenterology, 2014, 20, 8751-63.	3.3	23
41	NF-Î¹B2 signalling in enteroids modulates enterocyte responses to secreted factors from bone marrow-derived dendritic cells. Cell Death and Disease, 2019, 10, 896.	6.3	21
42	Dietary Supplementation with Soluble Plantain Non-Starch Polysaccharides Inhibits Intestinal Invasion of Salmonella Typhimurium in the Chicken. PLoS ONE, 2014, 9, e87658.	2.5	21
43	IBD: Microbiota Manipulation through Diet and Modified Bacteria. Digestive Diseases, 2014, 32, 18-25.	1.9	19
44	Killing of Escherichia coli by CrohnÊ¼s Disease Monocyte-derived Macrophages and Its Enhancement by Hydroxychloroquine and Vitamin D. Inflammatory Bowel Diseases, 2015, 21, 1499-1510.	1.9	19
45	Infliximab restores colonic barrier to adherent-invasive E. coli in Crohnâ€™s disease via effects on epithelial lipid rafts. Scandinavian Journal of Gastroenterology, 2018, 53, 677-684.	1.5	17
46	Human TNF-Luc reporter mouse: A new model to quantify inflammatory responses. Scientific Reports, 2019, 9, 193.	3.3	17
47	Inter-kingdom relationships in Crohnâ€™s disease explored using a multi-omics approach. Gut Microbes, 2021, 13, 1930871.	9.8	16
48	Impact of Interleukin 10 Deficiency on Intestinal Epithelium Responses to Inflammatory Signals. Frontiers in Immunology, 2021, 12, 690817.	4.8	13
49	Epigenetic Modifications of the Nuclear Factor Kappa B Signalling Pathway and its Impact on Inflammatory Bowel Disease. Current Pharmaceutical Design, 2021, 27, 3702-3713.	1.9	11
50	Using systems medicine to identify a therapeutic agent with potential for repurposing in inflammatory bowel disease. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	9
51	Long-Term Iron Deficiency and Dietary Iron Excess Exacerbate Acute Dextran Sodium Sulphate-Induced Colitis and Are Associated with Significant Dysbiosis. International Journal of Molecular Sciences, 2021, 22, 3646.	4.1	8
52	Replication of Crohnâ€™s Disease Mucosal E. coli Isolates inside Macrophages Correlates with Resistance to Superoxide and Is Dependent on Macrophage NF-kappa B Activation. Pathogens, 2019, 8, 74.	2.8	5
53	Lessons from Diversion Studies and Antibacterial Interventions. Digestive Diseases, 2012, 30, 347-350.	1.9	3
54	Incorporation of 3'-S-phosphorothiolates into RNA: potential applications in RNAi. Nucleic Acids Symposium Series, 2008, 52, 319-320.	0.3	2

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55	The fucoseâ€specific lectin ANL from Aspergillus niger possesses antiâ€cancer activity by inducing the intrinsic apoptosis pathway in hepatocellular and colon cancer cells. Cell Biochemistry and Function, 2021, 39, 401-412.	2.9	2
56	Soluble Non-Starch Polysaccharides From Plantain (Musa x paradisiaca L.) Diminish Epithelial Impact of Clostridioides difficile. Frontiers in Pharmacology, 2021, 12, 766293.	3.5	2
57	Soluble Plantain Fibre Blocks Epithelial Adhesion and M-Cell Translocation of Intestinal Pathogens. Gastroenterology, 2011, 140, S-362.	1.3	1
58	Adherent E. coli from colon cancer tissue can induce IL-8 release and COX2 expression. Gastroenterology, 2003, 124, A484.	1.3	0
59	Oligomannan suppresses neutrophil and monocyte respiratory burst: A possible mechanism for granulomatous inflammation in Crohn's disease. Gastroenterology, 2003, 124, A322.	1.3	0
60	W1999 Soluble Plant Fibers, Particularly Plantain and Broccoli, Inhibit Translocation of Crohn's Disease Mucosa-Associated Adherent-Invasive Escherichia coli Across Intestinal M-Cells. Gastroenterology, 2009, 136, A-770.	1.3	0
61	S2057 Inhibiting Bacterial Translocation Through M-Cells - Evaluation of Soluble Plantain Fibers As a Potential Prophylactic Therapy for Infective Diarrhea. Gastroenterology, 2009, 136, A-321-A-322.	1.3	0
62	W1826 Increased Mucosa-Associated Diffusely Adherent E.Coli in Crohn's and Colon Cancer: Possible Role in Pathogenesis. Gastroenterology, 2010, 138, S-748.	1.3	0
63	560 Crohn's Disease-Associated Adherent-Invasive Escherichia coli Target Peyer's Patches via Long Polar Fimbriae. Gastroenterology, 2010, 138, S-78.	1.3	0
64	Mo1603 The E. coli Genotoxic Island Pks Promotes Colorectal Cancer (CRC) Without Impacting Intestinal Inflammation. Gastroenterology, 2012, 142, S-639.	1.3	0
65	Mo1807 Lipopolysaccharide Induces Small Intestinal Epithelial Cell Apoptosis and Shedding by a TLR4 and TNFR1 Dependent Mechanism, Which Is Regulated by NFÎºB Signalling. Gastroenterology, 2013, 144, S-668.	1.3	0
66	Sa1779 Soluble Plantain (Banana) Fibre Inhibits Epithelial Cell Damage in Response to Clostridium difficile and Its Toxins. Gastroenterology, 2015, 148, S-330.	1.3	0
67	Mo1787 Soluble Plantain (Banana) Fibre Inhibits the Epithelial IL-8 and Cytotoxicity Response to Ulcerative Colitis (UC) Mucosally-Associated Escherichia coli. Gastroenterology, 2015, 148, S-711.	1.3	0
68	OWE-010â€...Bacterial and fungal communities in faeces and biopsies in IBD. , 2018, , .		0
69	OTH-001â€...Gliadin peptide P56â€“68 enhances epithelial permeability in a 3D enteroid model. , 2018, , .		0
70	ATH-09â€...Metabolomics & multi-omics analysis of Crohnâ€™s disease. , 2019, , .		0
71	Bacteria, good and bad: Hostâ€“microbiota interactions in inflammatory bowel disease. Biochemist, 2011, 33, 22-25.	0.5	0
72	Effects of Human RelA Transgene on Murine Macrophage Inflammatory Responses. Biomedicines, 2022, 10, 757.	3.2	0